Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 08 Dec 2022 until 23:59 on Friday 09 Dec 2022

Forecast Issued on Wednesday 07 Dec 2022 at 16:23

Confidence: High for cold with plenty of dry, often clear or sunny weather, through the coming days but a little lower with regard to shower frequency over the weekend.

Headline for Thursday 08 Dec 2022: Mainly dry with sunny spells. Cold northwesterly winds

Mountain weather hazards on Thursday 08 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	<05%	20%	20%

Forecast for Thursday 08 Dec 2022

Weather: Clear overnight with a widespread frost. Then a sunny morning but cloud increasing from the north through the afternoon bringing, especially to eastern hills, occasional snow showers through the late afternoon and evening. Skies clearing from the north towards midnight.

Chance of cloud-free hill tops above 600m: Close to 100%, but falling to 60% from mid-afternoon to late evening.

Low cloud and visibility: Little or no cloud below the summits until mid-afternoon then occasional or periods above about 600m. Away from cloud visibility excellent but perhaps falling to around a kilometre in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 08 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 W	9/13 NW	8/11 NW	8/11 W	9/12 W	9/12 W	9/13 NW	10/13 NW	8/12 NW
300	4/6 SW	5/7 W	4/5 NW	4/6 SW	5/8 W	5/8 W	4/7 W	4/7 W	4/6 NW
Valley	1/5 S	2/5 NE	2/5 E	1/3 S	3/6 W	3/7 W	2/6 N	2/5 N	2/5 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-8	-4/-8	-4/-9	-4/-9	-3/-8	-4/-9	-3/-8	-3/-8	-3/-8
300	-1/-4	-2/-5	-2/-5	-3/-6	-2/-5	-1/-4	-2/-5	-2/-4	-2/-4
Valley	-3/-5	-3/-5	-4/-6	-4/-6	-1/-3	-1/-3	-2/-4	-2/-3	-2/-4
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day with frost and frozen surfaces persisting at almost all levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 07 Dec 2022	0.2mm	1mm	2.2mm

Forecast for Friday 09 Dec 2022

Weather: Any remaining cloud and snow showers soon clearing then dry and clear through the early hours. Then a largely dry day with long sunny spells, just the risk of the odd snow shower in the west.

Maximum wind: Mainly westerly 10-15mph.

Chance of cloud-free hill tops above 600m: Close to 100% for most, but nearer 75% in west from mid-morning.

Low cloud and visibility: Occasional cloud in west from late morning to late afternoon above about 600m. Away from cloud visibility excellent, perhaps falling briefly to a kilometre in any snow showers.

Temperature: **Valleys:** Minus 6 or 7 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 600m: Around minus 4 Celsius, rising briefly to minus 2 Celsius by day
Freezing level: Frozen surfaces expected to persist at all levels.

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